

**WEST**

Generate Collection

L13: Entry 6 of 9

File: USPT

Sep 10, 2002

DOCUMENT-IDENTIFIER: US 6449259 B1

TITLE: Communication controller

Detailed Description Text (12):

Still referring to FIG. 1, Decision Processing module 106 generates a decision message based on the quality of service network characteristic measurement data and the network criteria data received by QoS monitor module 102 and User/System Criteria module 104 respectively. Decision Processing module 106 transmits the decision message to Reroute Processing module 110 via connecting path 126. The decision message instructs Reroute Processing module 110 to either reroute information signals through a network that is different from the network currently being used by the information signals or maintain usage of the current network. Decision Processing module 106 determines which of the available networks satisfies the network criteria data (i.e., networks having an acceptable quality of service) and contains a list of such networks. Decision Processing module 106 maintains and updates this list on a continuous basis, on a continual basis, on a periodic basis or aperiodic basis, based on compiled quality of service network characteristic measurement information received from QoS monitor module 102 and the network criteria data received by User/System Criteria module 104. Decision Processing module 106 informs (by sending a message via connecting path 126) Reroute processing module 110 which network to use. Thus, there may be more than one available network that satisfy the criteria set by User/System criteria module 104. In such an instance, Decision Processing module 106 may use additional criteria that are based on cost or other parameters (e.g., time of day) to choose one of the available networks. The complexity of the particular methodology used by Decision Processing module 106 to derive its decision message depends on the particular design of the module. Decision Processing module 106 can do simple comparisons and/or computations involving multiple criteria and measured parameters to derive its decision message.

**WEST**

Generate Collection

L13: Entry 7 of 9

File: USPT

Apr 2, 2002

DOCUMENT-IDENTIFIER: US 6366586 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method, system and apparatus for telecommunications control

## CLAIMS:

13. The method of claim 1 further comprising, in the service processing system, processing time of day information to select the network code.

36. The processing system of claim 24 wherein the service processing system is configured to process time of day information to select the network code.